

Title (en)  
HYDRAULIC AXIAL-PISTON MACHINE

Publication  
**EP 0090953 B1 19870204 (DE)**

Application  
**EP 83102220 A 19830307**

Priority  
DE 3212429 A 19820402

Abstract (en)  
[origin: EP0090953A2] 1. A hydraulic axial piston machine of the swash plate type with a shaft for the cylinder barrel passed to the outside on one side, having a distributor and a radial bearing between the stator fixed to the housing and the cylinder barrel, characterized in that the stator is constructed as a central tube (41) on which is supported the radial bearing (43), the distributor (3) and a control base (22) used as a mounting support for the swash plate (10), in that between the housing (2) and the central tube (41) a damping ring (57) is provided, and in that the pump components not located in the housing (2) are covered by a non-load-bearing spring cap (40) connected to the housing.

IPC 1-7  
**F04B 1/20**; **F04B 1/22**; **F01B 3/02**

IPC 8 full level  
**F03C 1/06** (2006.01); **F01B 3/02** (2006.01); **F03C 1/253** (2006.01); **F03C 1/30** (2006.01); **F03C 1/32** (2006.01); **F04B 1/20** (2006.01); **F04B 1/22** (2006.01)

CPC (source: EP)  
**F04B 1/2064** (2013.01); **F04B 1/2071** (2013.01); **F05C 2253/12** (2013.01)

Cited by  
CN103328824A; US9458839B2; WO2014032848A1; WO2012100919A3; WO2014111360A1; WO2012045394A1

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